

Title (en)

SWITCH ARRANGEMENT FOR ELECTRIC CONTROL UNIT

Title (de)

SCHALTERANORDNUNG FÜR ELEKTRISCHE STEUERGERÄTE

Title (fr)

AGENCEMENT DE COMMUTATEURS POUR APPAREILS DE COMMANDE ELECTRIQUES

Publication

EP 0956220 B1 20010801 (DE)

Application

EP 98907868 A 19980127

Priority

- DE 9800243 W 19980127
- DE 19703236 A 19970129

Abstract (en)

[origin: DE19703236A1] The present invention relates to a switch arrangement for electric control units, for use in particular for in on-board electric control units in motor vehicles, comprising a guiding rail (50) which has a certain thermal conductivity and thermal capacity and is connected to a first predetermined power supply potential, and a plurality of switching devices (10, 20, 30, 40) for switching on and off at least one corresponding current consumer (1, 2, 3, 4a, 4b, 4c) of the relevant switching device. In each case, a first power line connection of the switching device is connected to the guiding rail (50) having a certain thermal conductivity and thermal capacity. Each current consumer (1, 2, 3, 4a, 4b, 4c) corresponding to a particular switching device can be switched between a second power line connection of the switching device and a second predetermined power supply potential.

IPC 1-7

B60R 16/02

IPC 8 full level

B60R 16/03 (2006.01); **B60R 16/00** (2006.01); **B60R 16/02** (2006.01); **H02J 1/00** (2006.01); **H02J 1/14** (2006.01); **H02J 7/00** (2006.01)

CPC (source: EP US)

B60R 16/005 (2013.01 - EP US); **H02J 1/14** (2013.01 - EP US); **B60R 16/03** (2013.01 - EP US); **H02J 2310/46** (2020.01 - EP)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 19703236 A1 19980730; DE 59801123 D1 20010906; EP 0956220 A1 19991117; EP 0956220 B1 20010801; JP 2001511730 A 20010814; US 6157089 A 20001205; WO 9833680 A1 19980806

DOCDB simple family (application)

DE 19703236 A 19970129; DE 59801123 T 19980127; DE 9800243 W 19980127; EP 98907868 A 19980127; JP 53244598 A 19980127; US 36326599 A 19990729